

Title (en)
GUANIDYLFUNGIN DERIVATIVES AND THEIR PRODUCTION

Publication
EP 0178909 A3 19861203 (EN)

Application
EP 85307424 A 19851015

Priority
JP 21428984 A 19841015

Abstract (en)
[origin: EP0178909A2] Antibiotic guanidylfungin derivatives represented by formula (I), and acid addition salts thereof: <CHEM> R1 represents H or CH3; R2 and R3 are the same or different selected from H and alkyl and alkenyl groups of up to 6 carbon atoms; R4 is an alkyl or alkenyl group of up to 6 carbon atoms and R5 and R6 are one ether bond, or else R4 is H, R5 is H, and R6 is OH; and R7 represents H or an alkyl or alkenyl group of up to 6 carbon atoms.

IPC 1-7
C07H 19/01; **C07D 313/00**; **A61K 31/70**; **A61K 31/365**

IPC 8 full level
C07D 493/08 (2006.01); **A61K 31/357** (2006.01); **A61K 31/365** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **C07D 313/00** (2006.01); **C07D 315/00** (2006.01); **C07D 321/00** (2006.01); **C07H 19/01** (2006.01)

CPC (source: EP US)
A61P 31/04 (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **C07D 315/00** (2013.01 - EP US); **C07H 19/01** (2013.01 - EP US)

Citation (search report)
• [A] JOURNAL OF ANTIBIOTICS, vol. 37, no. 11, November 1984, pages 1170-1186, Japan Antibiotics Research Association, JP; K. TAKESAKO et al.: "Studies on new antifungal antibiotics, guanidylfungins A and B. II. Structure elucidation and biosynthesis"
• [XP] JOURNAL OF ANTIBIOTICS, vol. 38, no. 10, October 1985, pages 1363-1370, Japan Antibiotics Research Association, JP; K. TAKESAKO et al.: "Demalonyl derivatives of guanidylfungin A and copiamycin: their synthesis and antifungal activity"

Cited by
US5091411A; EP0272667A3; US4873347A; EP0272668B1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0178909 A2 19860423; **EP 0178909 A3 19861203**; **EP 0178909 B1 19900221**; CA 1235694 A 19880426; DE 3576078 D1 19900329; JP H0535149 B2 19930525; JP S6193179 A 19860512; US 4703128 A 19871027

DOCDB simple family (application)
EP 85307424 A 19851015; CA 492822 A 19851011; DE 3576078 T 19851015; JP 21428984 A 19841015; US 88581886 A 19860718